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TAKING-OUT OF EGG SHELL FILM AND DEVICE THEREFOR**Publication Number:** 03-045264 (JP 3045264 A) , February 26, 1991**Inventors:**

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Applicants

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Application Number: 01-179812 (JP 89179812) , July 12, 1989**International Class (IPC Edition 5):**

- A61L-015/16
- A61F-013/00
- A61K-009/00

JAPIO Class:

- 28.2 (SANITATION--- Medical)
- 14.4 (ORGANIC CHEMISTRY--- Medicine)

Abstract:

PURPOSE: To automatically take out a large quantity of egg shell films in a short time in a continuous process by installing a process for the separation to the egg shell film and the shell parts and a process for separating the egg shell films after separation and the shell part mixed in the egg shell film by the specific gravity difference.

CONSTITUTION: A pulverizer 5 is equipped with a screw conveyor 4 for transporting egg shell pieces 1a, and a cutter 15 which carries out pulverization through grinding is installed at the terminal edge of the screw conveyor 14, and the shell part 16 of the egg shell piece 1a is pulverized to a size of 1mm square. A sieve 19 in screen form having a mesh of 10 is installed inside an outer case 18, and vibration is applied by a vibrator 20 which is installed in the lower part of the outer case 18, and the sieving operation to the fine shell parts 16 and the egg shell films 2 is carried out. A plurality of blades 27, 27,... are installed in the outer case 26 of a floating selecting machine 7, and an egg shell film taking-out pipe 28 for taking out the floating egg shell film 2 is connected with one side of the upper part of the outer case 26, and opened towards an egg shell film recovering tank 29. (From: *Patent Abstracts of Japan*, Section: C, Section No. 830, Vol. 15, No. 181, Pg. 85, May 09, 1991)

JAPIO

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Patent Assignee: Q P CORP

Author (Inventor): FUJIMURA HAJIME

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INPADOC/Family and Legal Status

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